

Vocabulary-Beyond the Textbook Definition

Rationale: This project is used to build a vocabulary base for math terminology. Students go beyond the textbook definition to show a true mathematical understanding and application of grade-level vocabulary.

Instructions: Student is assigned or given the choice of the grade-level vocabulary word. Using a 9" x 12" sheet of construction paper, the following information is to be included on the Frayer Model poster:

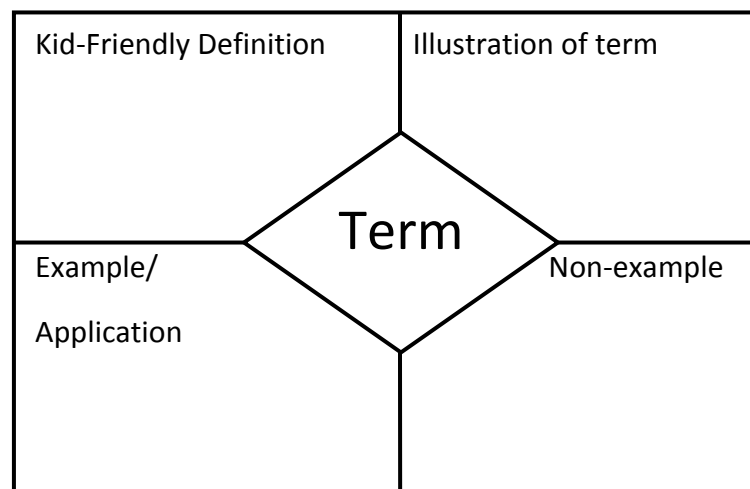
1. Name of term in **LARGE BOLD** letters in diamond of Frayer Model.
2. In the first section of the model a definition of the term in kid-friendly wording.
3. Illustration of the term with all labels, as needed.
4. Example: Concrete (image/diagram, etc.) or abstract (algorithm, etc.) to model application/understanding of term.
5. NON-example of term, illustrating full understanding of term.

Possible Uses:

- Two-Dimensional Geometric Shapes (polygon, types of angles, types of triangles, types of quadrilaterals, point, line, ray, area, perimeter, etc.)
- Three-Dimensional Geometric Shapes (cylinder, rectangular prism, cube, volume, etc.)
- Algebraic Terms (variable, expression, constant, inequality, slope, etc.)
- Mathematical Properties (distributive, commutative, associative, etc.)
- Landmarks (maximum, minimum, mode, median, outlier, etc.)
- Types of Graphs (circle graphs, scatterplot, bar graph, etc.)
- Probability Terms (dependant variable, independent variable, etc.)
- Parts of a Circle (diameter, chord, radius, circumference, etc.)

- Statistic Terms (sample, population, convenient sampling, etc.)
- Basic Mathematical Terms (divisor, prime, composite, rationale numbers, integers, scientific notation, rate, ratios, etc.)
- Fraction Terms (numerator, denominator, equivalent fractions, mixed number, etc.)

Template



Sample

